

**Claim Amendments**

1-20. (Canceled)

21. (Currently amended) A method of treatment or prophylaxis of a disease associated with or based on impairment or dysfunction of cerebral vascular reactivity selected from the group consisting of sepsis associated encephalopathy, sepsis, toxic encephalopathy, encephalopathy associated with autoimmune thyroiditis, autoimmune thyroiditis, cerebral microangiopathy, hypercholesterolemia and hypertriglyceridemia in a patient afflicted with such disease comprising the step of administering a pharmacologically tolerable and therapeutically effective amount of 5-[2-ethoxy-5-(4-methyl-1-piperazinylsulphonyl)phenyl]-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one (sildenafil), a pharmaceutically acceptable salt thereof, or a solvate of a pharmaceutically acceptable salt thereof ~~a PDE5 inhibitor~~ to the patient.

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)